

## ABSTRACT

A powder-sintered multi-layer tool part and a manufacturing method thereof adapted to manufacture a tool part in multi-layer form by integrally sintering and forming a super hardness metal layer with a soft metal layer having a high toughness via a powder-sintering method, thereby making it possible for the abrasion resistance characteristic of the super high hardness metal layer to be compatible with the mountability characteristic of the soft metal layer. The powder-sintered multi-layer tool part comprises: a first super hardness metal layer containing a vanadium carbide powder 20-90% by weight and a pure titanium powder or a titanium alloy powder 10-80% by weight, the titanium alloy powder containing a titanium component 60% by weight or more, thereby forming an aggregate mixed powder of 100% by weight and having a predetermined high hardness; and a second soft metal layer having a mounting part and containing said pure titanium powder or said titanium alloy powder 100% by weight, and wherein the metal powders of the first super hardness metal layer and the second soft metal layer are integrally pressed and sintered under a predetermined temperature.